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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/510,697	11/29/2004	Gerardo Gomez Paredes	60282.00211	4314
32294 7590 04/01/2009 SQUIRE, SANDERS & DEMPSEY L.L.P. 8000 TOWERS CRESCENT DRIVE			EXAMINER	
			KAO, JUTAI	
14TH FLOOR VIENNA, VA 22182-6212		ART UNIT	PAPER NUMBER	
			2416	
			MAIL DATE	DELIVERY MODE
			04/01/2009	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

# Application No. Applicant(s) 10/510,697 GOMEZ PAREDES ET AL. Office Action Summary Examiner Art Unit JUTAI KAO 2416 -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS. WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). Status 1) Responsive to communication(s) filed on 21 January 2009. 2a) ☐ This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-5 and 10-26 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) \_\_\_\_\_ is/are allowed. 6) Claim(s) 1-5 and 10-26 is/are rejected. 7) Claim(s) \_\_\_\_\_ is/are objected to. 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are; a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abevance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some \* c) None of: Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). \* See the attached detailed Office action for a list of the certified copies not received. Attachment(s)

1) Notice of References Cited (PTO-892)

Notice of Draftsperson's Patent Drawing Review (PTO-948)

Imformation Disclosure Statement(s) (PTC/G5/08)
Paper No(s)/Mail Date \_\_\_\_\_\_.

Interview Summary (PTO-413)
Paper No(s)/Mail Date.

6) Other:

Notice of Informal Patent Application

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#### DETAILED ACTION

#### Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 01/21/2009 has been entered.

### Response to Arguments

Applicant's arguments with respect to claims 1-5 and 10-26 have been considered but are moot in view of the new ground(s) of rejection.

The original scopes of the claims have been changed by the amendments and new grounds of rejections are included in this office action.

## Claim Rejections - 35 USC § 103

- The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of

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the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

5. Claim 1, 2, 4, 17-18, 21 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over Naveh (US 6,466,984) in view of Blight ("Policy-Based networking architecture for QQOS interworking inn IP management-scalable architecture for large scale enterprise-public interopration". Integrated Network Management V. Integrated Management in a Virtual World. Proceedings of the IFIP/IEEE International Symposium on Integrated Network Management, 1999, pages 813-826, XP002179101, which is a non-patent literature received in the IDS filed by the applicant on 10/08/2004) and Sundovist (US 2001/0032262).

Naveh discloses a method for policy-based management of quality of service treatments of network data traffic flows including the following features.

Regarding claim 1, a system, comprising: a controller (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2) configured to administrate multi-radio access network (see network shown in Fig. 2, which may include wireless links as shown in column 17, line 21) and to control a behavior of said multi-radio access mobile networks (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2; also see "a network administrator...may

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map application parameters into network services..." recited in column 9, line 42-45), wherein an information model (see "Schema...information model" recited in column 9. lines 19-21) is implemented in said control center means which describes different Quality-of-Service mechanisms (see "mappings representing...network quality of service..." recited in column 5, line 25-28) including attributes which are involved in each function under policy to represent manageable parameters of specific network implementations (see "application-specific parameters" recited in column 9, line 18-28). wherein functions under policy include admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); and a processor configured to a set of policy rules based on the information model (see "Policies may be represented by statements stored in a directory schema" recited in the abstract), wherein said set of rules defines actions to be executed in dependency of an occurrence of conditions (see "each policy statement associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6, line 10-14); and a policy based management device (policy server 604 or network device 620 in Fig. 6A) configured to receive said set of rules for the implementation thereof (see "Policy Server 604...map application parameter into network services..." recited in column 9, line 42-45, that is, the policy servers may receive policy rules stored in the policy repository), said device having, a plurality of policy based radio resource management devices each

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configured to respectively manage said parameters of specific network implementations (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling from application 608" recited in column 9, line 56-67, that is, the devices 620 are the radio resource management means), and a translation function device configured to translate said rules into a form executable by said plurality of policy based radio resource management devices (see "abstract definitions of services that are later translated into a specific configuration of network device" recited in column 15, line 36-44).

Regarding claim 2, wherein said set of rules is implemented in a policy server (see "Policy Server 604 provides a mechanism by which a network administrator or manager may map application parameters into network services..." recited in column 9, line 42-45 of the Policy system section, thus, the policy server implements the policy by allowing the management of the parameters, in addition, see the "Repository 600 stores polices..." recited in column 9, line 4-6, and the Repository could also be considered a policy server).

Regarding claim 4, wherein said control center device further comprises a configuration data base configured to store said parameters (see "storing one or more mappings comprises registering one or more application codepoints, which are associated with traffic flow types, in the repository..." recited in column 5, line 36-50; and see "storing...conditions of one of the traffic flows...and an action..." recited in column 6. line 15-26).

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Regarding claim 17, an system, comprising: controlling means (see "administrator station 220" recited in column 7, line 26 and shown in Fig. 2 and see Network Admin Client 602 in Fig. 6A) for administrating multi-radio access network (see network shown in Fig. 2, which may include wireless links as shown in column 17, line 21) for controlling a behavior of said multi-radio access mobile networks (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2; also see "a network administrator...may map application parameters into network services..." recited in column 9, line 42-45), wherein an information model (see "Schema...information model" recited in column 9, lines 19-21) is implemented in said control center means (see Repository 218 and policy server 216 in Fig. 2) which describes different Quality-of-Service mechanisms (see "mappings representing...network quality of service..." recited in column 5, line 25-28) including attributes which are involved in each function under policy to represent manageable parameters of specific network implementations (see "application-specific parameters" recited in column 9, line 18-28), wherein functions under policy include admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3. lines 45-60; which represents a load control); processing means (see policy server in Fig. 216 and administrator station 220 in Fig. 2) for forming a set of policy rules based on the information model (see "Policies may be represented by statements stored in a directory schema" recited in the abstract),

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wherein said set of rules defines actions to be executed in dependency of an occurrence of conditions (see "each policy statement associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6. line 10-14); policy based management device means for receiving said set of rules for the implementation thereof (policy server 604 or network device 620 in Fig. 6A) configured to receive said set of rules for the implementation thereof (see "Policy Server 604...map application parameter into network services..." recited in column 9, line 42-45, that is, the policy servers may receive policy rules stored in the policy repository), said policy based management device means having plurality of policy based radio resource management means each for respectively managing said parameters of specific network implementations (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling from application 608" recited in column 9, line 56-67, that is, the devices 620 are the radio resource management means), and a translation function device configured to translate said rules into a form executable by said plurality of policy based radio resource management devices (see "abstract definitions of services that are later translated into a specific configuration of network device" recited in column 15, line 36-44).

Regarding claim 18, an apparatus, comprising: a receiver (see Fig. 6A, where communication, which must involves a receiver, between policy server 604 and repository 600, which stores the policy statements) configured to receive a set of rules defining actions to be executed in dependency of an occurrence of conditions (see

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"each policy statement associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6, line 10-14); a processor configured to implement the set of rules (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling..." recited in recited in column 9, line 56-67); a plurality of controller configured to perform policy based radio resource management and to respectively manage parameters of specific network implementations (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling from application 608" recited in column 9, line 56-67, that is, the devices 620 are the radio resource management means) which concern functions including admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); and a translator configured to translate the rules into a form executable by the plurality of controllers (see "abstract definitions of services that are later translated into a specific configuration of network device" recited in column 15, line 36-44).

Regarding claim 21, an apparatus, comprising: receiving means (see Fig. 6A, where communication, which must involves a receiver, between policy server 604 and repository 600, which stores the policy statements) for receiving a set of rules defining actions to be executed in dependency of an occurrence of conditions (see "each policy statement associates a condition of one of the traffic flows...and an action comprising

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one of the quality of service treatments" recited in column 6, line 10-14); implementation means for implementing the set of rules (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling..." recited in recited in column 9, line 56-67); a plurality of policy based radio resource management means for respectively managing parameters of specific network implementations (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling from application 608" recited in column 9, line 56-67, that is, the devices 620 are the radio resource management means) which concern functions including admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); and translation function means for translating the rules into a form executable by the plurality of controllers (see "abstract definitions of services that are later translated into a specific configuration of network device" recited in column 15, line 36-44).

Regarding claim 26, a computer program embodied on a computer readable medium, the computer program being configured to control a processor to perform (see Fig. 8, which shows the computer system): receiving (see Fig. 6A, where communication, which must involves a receiver, between policy server 604 and repository 600, which stores the policy statements) a set of rules defining actions to be executed in dependency of an occurrence of conditions (see "each policy statement

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associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6, line 10-14); implementing the set of rules (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling..." recited in recited in column 9. line 56-67); respectively managing parameters of specific network implementations (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling from application 608" recited in column 9, line 56-67, that is, the devices 620 are the radio resource management means) which concern functions including admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); translating said rules into a form executable by a plurality of controller configured to perform policy based radio resource management (see "abstract definitions of services that are later translated into a specific configuration of network device" recited in column 15, line 36-44).

Naveh does not disclose the following features: regarding claim 1, 17, 18, 21 and 26, wherein the translating function means is included in said device (or the policy server of Naveh's invention) and wherein functions under policy include admission control for new radio access bearers and radio bearers.

Blight discloses a policy-based network architecture for QoS interworking in IP management including the following features.

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Regarding claim 1, 17, 18, 21 and 26, wherein the translating function means is included in the policy server (see "a policy server to interpret policy" recited on page 817, third paragraph).

Sundqvist discloses a method for network service reservation over wireless access networks including the following features.

Regarding claim 1, 17, 18, 21 and 26, wherein functions under policy include admission control (see "admission control...request for admission to policy server" recited in paragraph [0006]) for new radio access bearers and radio bearers (see "radio bearer broker performs resource management and admission control...to handle Internet resource reservations for a wireless link" recited in paragraph [0038]).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Naveh using features, as taught by Blight and Sundqvist, in order to provide policy parameters to the network devices and in order to perform admission controls to handle Internet resource reservations for a wireless link admission request.

 Claim 3 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over
Neveh, Blight and Sundqvist as applied to claim 1 above, and further in view of Wright (US 7,082,102).

Neveh, Blight and Sundqvist disclose the claimed limitations.

Naveh also discloses the following features.

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Regarding claim 5, a policy enforcement device configured to represent entities whose behavior is going to be managed by said policy means (see local policy enforcer 210 shown in Fig. 3); a policy decision device configured to define a group of functionalities in charge of acquiring, deploying and translating said policy rules into a form executable by said policy enforcement means (see "policy server 604 provides a mechanism by which a network administrator or manager may map application parameters..." recited in column 9, line 42-67); a policy repository device configured to contain the policies defined an administrator of said radio access networks (see policy repository 600 in Fig. 6A); a management information base device configured to inform about the behavior of said policy enforcement means (see traffic flow state machine 310, which keeps track of the behavior, and communication engine 312, which communicates the behavior to the policy server, in Fig. 3).

Neveh, Blight and Sundqvist do not disclose the following features: regarding claim 3, wherein said control center means comprises a user interface for entering and/or selecting a policy according to a specific subset of rules; regarding claim 5, a policy information base device configured to contain possible rules of all relevant functions of a specific policy enforcement devices so that said rules can be downloaded by said policy decision means into said policy enforcement device; regarding claim 15, entering and/or selecting a policy according to a specific subset of rules through a user interface.

Wright discloses a system for policy-enabled communication networks.

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Regarding claim 3, wherein said control center means comprises a user interface configured to enter and/or select a policy according to a specific subset of rules (see "a policy management console ("PMC") 100 to provide a human interface to the policy system...PMC 100 can be used to generate policies...and to administer the distribution of policies..." recited in column 2, line 44-50).

Regarding claim 5, a policy information base device (see "Policy Information Base" recited in column 3, line 32) configured to contain possible rules of all relevant functions of a specific policy enforcement devices (see "Policy Enforcement Point" recited in column 2, line 40) so that said rules can be downloaded by said policy decision devices (see "Policy Decision Means" recited in column 2, line 40) into said policy enforcement means.

Regarding claim 15, entering and/or selecting a policy according to a specific subset of rules through a user interface (see "a policy management console ("PMC") 100 to provide a human interface to the policy system...PMC 100 can be used to generate policies...and to administer the distribution of policies..." recited in column 2, line 44-50).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Neveh, Blight and Sundqvist using features, as taught in Wright, in order to provide the correct policy to the local network devices.

 Claims 10, 12-14, 16 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Naveh in view of Sundqvist. Art Unit: 2416

Naveh discloses a method for policy-based management of quality of service treatments of network data traffic flows including the following features.

Regarding claim 10, an apparatus (see combination of policy server 216, administrator station 220 and repository 218 in Fig. 2), comprising: a controller (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2) configured to administrate multi-radio access network (see network shown in Fig. 2, which may include wireless links as shown in column 17, line 21) for controlling a behavior of said multi-radio access mobile networks (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2; also see "a network administrator...may map application parameters into network services..." recited in column 9, line 42-45), an information model (see "Schema...information model" recited in column 9, lines 19-21) is implemented in said control center means which describes different Quality-of-Service mechanisms (see "mappings representing...network quality of service..." recited in column 5. line 25-28) including attributes which are involved in each function under policy to represent manageable parameters of specific network implementations (see "application-specific parameters" recited in column 9, line 18-28), wherein functions under policy include admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); and a processor configured to a set of policy rules based on the information model (see "Policies may be represented by

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statements stored in a directory schema" recited in the abstract), wherein said set of rules defines actions to be executed in dependency of an occurrence of conditions (see "each policy statement associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6, line 10-14).

Regarding claim 12, wherein said controller comprises a configuration data base configured to store said parameters (see "storing one or more mappings comprises registering one or more application codepoints, which are associated with traffic flow types, in the repository..." recited in column 5, line 36-50; and see "storing...conditions of one of the traffic flows...and an action..." recited in column 6, line 15-26).

Regarding claim 13, an apparatus (see combination of policy server 216, administrator station 220 and repository 218 in Fig. 2), comprising: administering means (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2) for administrating multi-radio access network (see network shown in Fig. 2, which may include wireless links as shown in column 17, line 21) for controlling a behavior of said multi-radio access mobile networks (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2; also see "a network administrator...may map application parameters into network services..." recited in column 9, line 42-45), implementing means (see Repository 218 and policy server 216 in Fig. 2) for implementing an information model (see "Schema...information model" recited in column 9, lines 19-21) which describes different Quality-of-Service mechanisms (see "mappings representing...network quality of service..." recited in column 5, line 25-28) including attributes which are involved in each function under

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policy to represent manageable parameters of specific network implementations (see "application-specific parameters" recited in column 9, line 18-28), wherein functions under policy include admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); and processing means (see policy server in Fig. 216 and administrator station 220 in Fig. 2) for forming a set of policy rules based on the information model (see "Policies may be represented by statements stored in a directory schema" recited in the abstract), wherein said set of rules defines actions to be executed in dependency of an occurrence of conditions (see "each policy statement associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6, line 10-14).

Regarding claim 14, a method comprising: administrating multi-radio access network (see network shown in Fig. 2, which may include wireless links as shown in column 17, line 21) for controlling a behavior of said multi-radio access mobile networks (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown in Fig. 2; also see "a network administrator...may map application parameters into network services..." recited in column 9, line 42-45); implementing an information model (see "Schema...information model" recited in column 9, lines 19-21) which describes different Quality-of-Service mechanisms (see "mappings representing...network quality of service..." recited in column 5, line 25-28) including attributes which are involved in

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each function under policy to represent manageable parameters of specific network implementations (see "application-specific parameters" recited in column 9, line 18-28), wherein functions under policy include admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of a packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); and forming a set of policy rules based on the information model (see "Policies may be represented by statements stored in a directory schema" recited in the abstract), wherein said set of rules defines actions to be executed in dependency of an occurrence of conditions (see "each policy statement associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6, line 10-14).

Regarding claim 16, the method further comprises storing said parameters in a configuration data base (see "Each Policy Statement in the Repository comprises stored information that represents a condition and an action involved in the policy" recited in column 15, line 21-30).

Regarding claim 25, a computer program embodied on a computer readable medium, the computer program being configured to control a processor to perform (see Fig. 8, which shows the computer system): administrating multi-radio access mobile networks (see network shown in Fig. 2, which may include wireless links as shown in column 17, line 21) to control a behavior of said multi-radio access mobile networks (see "administrator station 220" recited in column 7, line 26 and policy server 216 shown

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in Fig. 2; also see "a network administrator...may map application parameters into network services..." recited in column 9, line 42-45); implementing an information model (see "Schema...information model" recited in column 9, lines 19-21) which describes different Quality-of-Service mechanisms (see "mappings representing...network quality of service..." recited in column 5, line 25-28) including attributes which are involved in each function under policy to represent manageable parameters of specific network implementations (see "application-specific parameters" recited in column 9, line 18-28), where functions under policy include admission control for new radio access bearers and radio bearers, and/or a dynamic configuration of packet scheduler and/or a load control (see "may place limits on the amount of resources...For example, an organization may agree not to send traffic that exceeds a certain bandwidth..." recited in column 3, lines 45-60; which represents a load control); forming a set of policy rules using said information model to define actions to be executed in dependency of an occurrence of conditions (see "each policy statement associates a condition of one of the traffic flows...and an action comprising one of the quality of service treatments" recited in column 6, line 10-14).

Naveh does not disclose the following features: regarding claim 10, 13, 14 and 25, wherein functions under policy include admission control for new radio access bearers and radio bearers.

Sundqvist discloses a method for network service reservation over wireless access networks including the following features.

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Regarding claim 10, 13, 14 and 25, wherein functions under policy include admission control (see "admission control...request for admission to policy server" recited in paragraph [0006]) for new radio access bearers and radio bearers (see "radio bearer broker performs resource management and admission control...to handle Internet resource reservations for a wireless link" recited in paragraph [0038]).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Naveh using features, as taught by Sundqvist, in order to perform admission controls to handle Internet resource reservations for a wireless link admission request.

 Claim 11, 19-20, 23-24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Naveh and Sundqvist as applied to claims 10, 18 and 22 above, and further in view of Wright.

Naveh and Sundqvist disclose the claimed limitations as shown in the above paragraphs.

Naveh also discloses the following features.

Regarding claim 20, a distributor configured to distribute functions resulting from policy rules into logical control plane elements and/or logical user plane elements (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling from Application 608" recited in column 9, line 60-62; that is, the Policy Server distributes policy functions to the network devices, which are considered the logical control plane elements).

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Regarding claim 24, distributing functions resulting from policy rules in to logical control plane elements and/or logical user plane elements (see "Policy Server 604 configures the network devices 620 to implement the network services and to correctly respond to signaling from Application 608" recited in column 9, line 60-62; that is, the Policy Server distributes policy functions to the network devices, which are considered the logical control plane elements).

Naveh and Sundqvist do not disclose the following features: regarding claim 11, wherein said control center means comprises a user interface for entering and/or selecting a policy according to a specific subset of rules; regarding claim 19, an evaluator configured to evaluate the conditions; an executor in operable connection with the evaluator and configured to executed actions prescribed by said policy rules as a consequence from the occurrence of certain conditions; and an administrator configured to administrate said policy rules if they take effect on the Quality-of-Service behavior at the network level; regarding claim 23, evaluating the conditions; executing actions prescribed by said policy rules as a consequence from the occurrence of certain conditions; and administrating said policy rules if they take effect on the Quality-of-Service behavior at the network level.

Wright discloses a system for policy-enabled communication networks.

Regarding claim 11, wherein said control center means comprises a user interface configured to enter and/or select a policy according to a specific subset of rules (see "a policy management console ("PMC") 100 to provide a human interface to

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the policy system...PMC 100 can be used to generate policies...and to administer the distribution of policies..." recited in column 2, line 44-50).

Regarding claim 19, an evaluator configured to evaluate the conditions (see "monitored for performance..." recited in column 5, lines 45-50; and see the network status 810 and network topology 815 monitoring means in Fig. 8 and 9); an executor in operable connection with the evaluator to execute actions prescribed by said policy rules as a consequence from the occurrence of certain conditions (see "...monitored for performance to ensure that the service it provides continues to behave as expected..." recited in column 5, lines 45-62 and see configuration data translation means 805 in Fig. 8 and 9); and an administrator configured to administrate said policy rules if they take effect on the Quality-of-Service behavior at the network level (see "LSP Life Cycle Policies...Configuring the LSPs involves the creation and deletion of LSPs in the network according to some QoS or other criteria..." recited in column 5, lines 24-62).

Regarding claim 23, evaluating the conditions (see "monitored for performance..." recited in column 5, lines 45-50; and see the network status 810 and network topology 815 monitoring means in Fig. 8 and 9); executing actions prescribed by said policy rules as a consequence from the occurrence of certain conditions (see "...monitored for performance to ensure that the service it provides continues to behave as expected..." recited in column 5, lines 45-62 and see configuration data translation means 805 in Fig. 8 and 9); and administrating said policy rules if they take effect on the Quality-of-Service behavior at the network level (see "LSP Life Cycle").

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Policies...Configuring the LSPs involves the creation and deletion of LSPs in the network according to some QoS or other criteria.." recited in column 5, lines 24-62).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Naveh and Sundqvist using features, as taught in Wright, in order to provide the correct policy to the local network devices.

## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JUTAI KAO whose telephone number is (571)272-9719. The examiner can normally be reached on Monday ~Friday 7:30 AM ~5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kwang Yao can be reached on (571)272-3182. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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